

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	("KASZKIN, ANDREAS" or "STIEHL, WOLFGANG")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 09:00
L2	20578	"SIEMENS AKTIENGESELLSCHAFT"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 09:39
L3	18	I2 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 09:45
L4	6	I3 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:18
L5	258	("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:31
L6	15	I5 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:32
L7	1820	380/277	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:41
L8	0	I7 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:41
L9	49	I7 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:41
L10	1498	700/17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:44
L11	14	I10 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:45

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L12	2	l11 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:45
L13	1044	700/19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:45
L14	11	l13 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:45
L15	3	l14 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 10:47
L16	2554	340/825.49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:20
L17	3	l16 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:20
L18	1	l17 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:21
L19	73	"6115646"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:27
L20	73	"6507856"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:30
L21	12	"6473664"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:31
L22	1159	700/110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 11:59
L23	1	l22 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:01

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L24	27	I22 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:01
L25	299	700/181	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:03
L26	4	I25 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:03
L27	0	I26 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:04
L28	17	I25 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:04
L29	10742	707/1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:05
L30	2	I29 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:06
L31	0	I30 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:07
L32	16590	707/10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:07
L33	7	I32 and ("process" adj "automation" adj "system")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:07
L34	1	I33 and ((process\$3 with (device\$1 or system\$1 or module\$1)) with (exchang\$3 with "data"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:08
L35	0	I32 and (("process" adj "automation" adj "system") with encrypt\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:12

## EAST Search History

L36	4	"6772435"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/02/03 12:16
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## Patents

Patents 1 - 10 on **process automation system**. (0.06 seconds)[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

### Process automation system

US Pat. 6473656 - Filed Sep 16, 1999 - Siemens Aktiengesellschaft

(54) **PROCESS AUTOMATION SYSTEM** (75) Inventors: Hans-Joachim Langels, Langquaid; Michael Brotz, Ettlingen; Raimund Klein, Oberursel, all of (DE) (73) ...

### Process automation system

US Pat. 6501996 - Filed Jun 14, 1999 - Siemens Aktiengesellschaft

BRIEF DESCRIPTION OF THE DRAWINGS FIG. 1, shows a block diagram of a **process automation system** according to an exemplary embodiment of the present ...

### Dynamic and generic process automation system

US Pat. 6115646 - Filed Dec 18, 1997 - Nortel Networks Limited

... **process automation system** ...

### Dynamic business process automation system using XML documents

US Pat. 6507856 - Filed Jan 5, 1999 - International Business Machines Corporation

... **process automation system** ...

### Manufacturing process automation system using a file server and its control ...

US Pat. 6473664 - Filed Apr 27, 1999 - Samsung Electronics Co., Ltd.

... **process automation system** ...

### Integrated circuit physical design automation system utilizing optimization ...

US Pat. 5495419 - Filed Apr 19, 1994 - LSI Logic Corporation

... **automation** ... **process** ...

### Physical design automation system and process for designing integrated ...

US Pat. 6134702 - Filed Dec 16, 1997 - LSI Logic Corporation

... -22 nnnnnn-^ nnnnnn-^ nnnnnn nnnnnn nnnnnn CPU -40 OPERATING SYSTEM PHYSICAL DESIGN AUTOMATION PROGRAM AND DATA 24 - •42 [-44 ...

### System and method for business process automation

US Pat. 5216592 - Filed Apr 25, 1991 - International Business Machines Corporation

**System** ... **process automation** ...

### Physical design automation system and process for designing integrated ...

US Pat. 5712793 - Filed Nov 20, 1995 - LSI Logic Corporation

... **automation system** ... **process** ...

### Physical design automation system and process for designing integrated ...

US Pat. 5699265 - Filed Sep 8, 1995 - LSI Logic Corporation

... **automation system** ... **process** ...

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process automation system

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process automation system with encryption

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## Patents

Patents 1 - 10 on **process automation system with encryption**. (0.02 seconds)[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

### Dynamic and generic **process automation system**

US Pat. 6115646 - Filed Dec 18, 1997 - Nortel Networks Limited

Flexibility The **process automation system** has the flexibility and openness ...  
control mechanisms (such as authentication, **encryption** and audit trail). ...

### Method and **system** for remote **automation** of object oriented applications

US Pat. 5881230 - Filed Jun 24, 1996 - Microsoft Corporation

Data authentication, data **encryption**/decryption, and access control are used.... which includes modifying the existing local OLE **automation process** (FIG. ...

### Multi-server location-independent authentication certificate management **system**

US Pat. 6134658 - Filed Jun 9, 1997 - Microsoft Corporation

The requestor generates the private-public RSA **encryption** 35 key pair, ...certificate management **system** therefore automates the certification **process**, ...

### Adaptive decoding **system** for processing encrypted and non-encrypted ...

US Pat. 5933500 - Filed Nov 27, 1996 - Thomson Consumer Electronics, Inc.

**System** 25 of FIG. 1 recovers programs from storage device 90 and medium in a  
playback mode using the **process** of FIG. 4. The recovered datastreams are ...

### Encapsulated, streaming media **automation** and distribution **system**

US Pat. 6792615 - Filed May 19, 1999 - New Horizons Telecasting, Inc.

Even with the **automation** and digitization of the TV production and distribution**process** that has occurred over the last couple of decades, ...

### Decoding **system** and data format for processing and storing encrypted ...

US Pat. 6016348 - Filed Nov 27, 1996 - Thomson Consumer Electronics, Inc..

**System** 25 of FIG. 1 recovers programs from storage device 90 and medium in a  
playback mode using the **process** of FIG. 4. The recovered datastreams are ...

### Combined remote access and security **system**

US Pat. 5970149 - Filed Jul 15, 1997

A **process** to remotely access and service a secure mainframe central processing... randomly generating a data **encryption** key at said remote dispatch control ...

### Secure payment method using facsimile

US Pat. 5590196 - Filed Oct 6, 1994 - Connotech Experts Conseils Inc.

In the simplest case, the public key of the payer 200 is registered in the service

25 provider **system** 102 when the **encryption** unit 202 authorization ...

### **Process** for distributing an object-oriented program over a plurality of ...

US Pat. 5684955 - Filed May 26, 1994 - Siemens Aktiengesellschaft

An object-oriented **system** communication packet are executed on the called ...in a **process** for adapting an areas, in particular **automation** engineering and ...

**Method and system for remote automation of object oriented applications**

US Pat. 6820267 - Filed Jun 30, 1998 - Microsoft Corporation

Since Remote **Automation** uses RFC, which provides data authentication, ...  
threaded, operating **system**, and plural threads in a client **process** sharing ...

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process automation system with encryption

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field device with automation system

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## Patents

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### Field device management system

US Pat. 6298377 - Filed Sep 4, 1998 - Metso Field Systems Oy

1 shows a **field device** maintenance management **system** according to the invention, connected to a process **automation system** of a factory, FIG. ...

### Field device management system

US Pat. 6317701 - Filed Sep 4, 1998 - Metso Field Systems Oy

For instance, a **field device** manufacturer may monitor all its **field devices** 30 in ... 1 shows a general block diagram of a process **automation system** and, ...

### Wireless control of a field device in an industrial process

US Pat. 7010294 - Filed Apr 14, 2000 - Metso Automation Oy

For example, the **field device** management **system** may be partially or totally integrated into the **automation system**. However, as the **field devices** are ...

### Decentralized control system and shutdown control apparatus

US Pat. 6023399 - Filed Sep 22, 1997 - Hitachi, Ltd.

10 In the **field** of Process **Automation**, the so-called **field device** includes the ... 50 A representative example of the configuration of **Field Bus system** is ...

### Wireless diagnostic system in industrial processes

US Pat. 7058542 - Filed Jul 4, 2001 - Metso Automation Oy

A **field device** in a process **automation system**, the **device** comprising a control unit (430) and a **field bus** interface (44) for interfacing with a **field bus** ( ...

### Engery management and building automation system

US Pat. 5572438 - Filed Jan 5, 1995 - TECO Energy Management Services

Add Controlled and Reporting Devices mod- 30 ule 36F adds to the **system** a **device** (ie, load) which is to be controllable by or which is to report to the ...

### Method of tuning a process control loop in an industrial process

US Pat. 6546295 - Filed Feb 16, 2000 - Metso Automation Oy

In this embodiment a real **field device**, such as a valve, ... The **automation system** comprises control room programs and databases as well as process control ...

### Automation system and connecting apparatus for communication between two ...

US Pat. 6701377 - Filed Sep 2, 1998 - Phoenix Contact GmbH &amp; Co. KG

1 shows the structure in principle of a heterogeneous **automation system** in which the invention is embodied, FIG. 2 shows a control **device** according to the ...

### Block-oriented control system on high speed ethernet

US Pat. 6826590 - Filed Jun 21, 2000 - Fieldbus Foundation

A.2: Function Block Application Process Virtual **Field Device** ... outputs, algorithms, control variables, and behavior of the **automation system**. ...

**Sensor actuator bus system**

US Pat. 5469150 - Filed Dec 27, 1994 - Honeywell Inc.

The **device** identifier **field** comprises a group of seven bits. ... In other words, if it is desirable that an industrial **automation system** be capable of ...

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control device with automation system and enc

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## Patents

Patents **31 - 37** on **control device with automation system and encryption form.** (0.14 seconds)[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

### Luminescent facing marks for enhanced postal

#### indicia discrimination

US Pat. 5554842 - Filed Dec 22, 1994 - Pitney Bowes Inc.

A facer canceller is a **device** for handling, authenticating and sorting randomly... security features like **control** information ie, **encryption** information. ...

### Method of providing board packaging line program

US Pat. 6944521 - Filed Oct 1, 2003 - Omron Corporation

A security measure such as **encryption** of communication on the internet may ...at the packaging line for factory **automation** corresponding to, for example, ...

### Selectable diode bias for power amplifier **control** in a wireless telephone ...

US Pat. 6496063 - Filed Nov 29, 2001 - Texas Instruments Incorporated

10 The present invention may be implemented into a power amplifier **control** functionfor a radio frequency **device**, such as a wireless telephone. ...

### Configuring architecture for mobile access to at least one business resource

US Pat. 7039591 - Filed Jan 29, 2002 - Accenture LLP

The HTTP request then resource, a sales force **automation** application resource,an 40 emanates from a network element source coupled to a inventory **control** ...

### Front counter and back counter workflow integration

US Pat. 7252224 - Filed Aug 23, 2005 - Alogent Corporation

The need remains, therefore, for a **system** and method of processing a transactionat a point of presentment that improves quality **control** of transactions ...

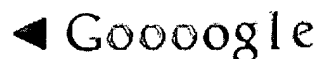
### **System** and method utilizing virtual switching for electrical panel metering

US Pat. 7313489 - Filed Dec 21, 2006 - Electro Industries/GaugeTech

The meter 10 is a multifunction **device** for circuit monitoring for main feeds,... 25 In a preferred embodiment, the switching signal uses an **encryption** ...

### High level executable network abstract machine

US Pat. 7149678 - Filed Mar 28, 2002 - Microsoft Corporation

The interfaces may be declared as native COM interfaces, **automation** ...include incrementing a hop count for time-to-live calculations and **encryption**. class ...Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#)

control device with automation system and encryption form

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